

## ABSTRACT OF THE DISCLOSURE

### Transmitter

5 In some embodiments, a transmitter includes a first circuit coupled to an input port of the transmitter, and a second circuit coupled to the first circuit and to an output port of the transmitter, wherein the first circuit is sized with respect to the second circuit such that for a pulse signal applied to the input port, the transmitter generates an output signal having a rise-time and a fall-time that are substantially equal at the output port.

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